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JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

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INAI HIDENORI**(54) **COMMUNICATION CONTROLLER**

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To conduct dynamic band control for every data flow with respect to outgoing data flow from a network to a mobile terminal in mobile communication.

**SOLUTION:** This communication controller is provided with a buffer that buffers a fixed length packet stream (data chain) 401 resulting from dividing a received fixed length packet. The length of the data chain 401 is changed on the basis of a band control signal from an external device. Moreover, a timing when reading each data chain 401 from the buffer is changed on response to the band control signal. Furthermore, the buffer informs the external device of a state of the buffer as traffic quantity information. The external device outputs the band control signal in response to the traffic quantity information.

